

Meeting the Challenges of Tomorrow's Fire Service



Department of Fire Services
November 12 - 14, 2008



~ FALL CONFERENCE PROGRAM ~

Westford Regency Conference Center

WESTFORD, MASSACHUSETTS

From the Fire Marshal



As the Fire Marshal for the Commonwealth of Massachusetts and the agency head of the Department of Fire Services (DFS), I am pleased to introduce and invite you to join us for the first DFS Fall Conference. We hope, this year's conference will be the start of an annual tradition.

DFS staff members have put considerable effort into creating a conference that is designed to enhance the skills and awareness of the participants. Working in the public safety sector demands a spirit and confidence that is second to none, but it also requires attention to the changes that technology brings. To that end, DFS has choreographed an assortment of topics from fire prevention to incident response, building construction to responder safety, and physical training to lessons learned. This three-day event will feature speakers from all over the United

States, including veteran service members, public educators, authors, and investigators, combining hundreds of years of knowledge and experience. In addition to the tremendous program, the conference will provide an excellent environment for meeting peers, building relationships, and exchanging lessons learned.

The 2008 Fall Conference will be a stimulating combination of presentations and practical sessions. Our keynote luncheon speakers include: Chief William "Billy" Goldfeder, Loveland-Symmes Fire Department, Ohio; Arthur Cleaves, Administrator, FEMA Region I; and Chief James Clack, Baltimore City Fire Department.

I look forward to seeing you at what promises to be a truly rewarding conference.

Stephen D. Coan
State Fire Marshal

Meeting the Challenges of Tomorrow's Fire Service



The Commonwealth of Massachusetts' Executive Office of Public Safety and Security and the Department of Fire Services presents its first annual conference *Meeting the Challenges of Tomorrow's Fire Service*. The program has been developed to appeal to all aspects of fire and emergency services. The speakers represent a wealth of knowledge in the various areas of

expertise that we are called upon to carry out on a daily basis.

It is critical that we remain current and well trained in our occupation. Change is happening at an ever-increasing rate. Additionally, the public we serve constantly presents us with new challenges. For that reason we feel that this conference will bring you the information from the very best in emergency services. This is part of our continuing commitment to support fire and emergency services in the Commonwealth.

"Predictable is Preventable"

~ Gordon Graham

Westford Regency Inn and Conference Center

219 LITTLETON ROAD • WESTFORD, MASSACHUSETTS

www.westfordregency.com • 1-800-543-7801

DIRECTIONS TO HOTEL

From the North:

Traveling south on I-495 take exit #32 "Westford, to Route 225." At the end of the ramp, turn left onto Boston Road. At the first intersection, turn right onto Route 110 west. The hotel is located ¼ mile on the right side.

From the South:

Traveling north on I-495 take exit #32 "Westford, to Route 225." At the end of the ramp, turn right onto Boston Road. At the first intersection, turn right onto Route 110 west. The hotel is located ¼ mile on the right side.

From the East:

Take I-93 north for approximately 17 miles to I-495 south. Take exit #32 off of I-495 south "Westford, to Route 225." At the end of the ramp, turn left onto Boston Road. At the intersection, turn right onto Route 110 west. The hotel is located ¼ mile on the right side.

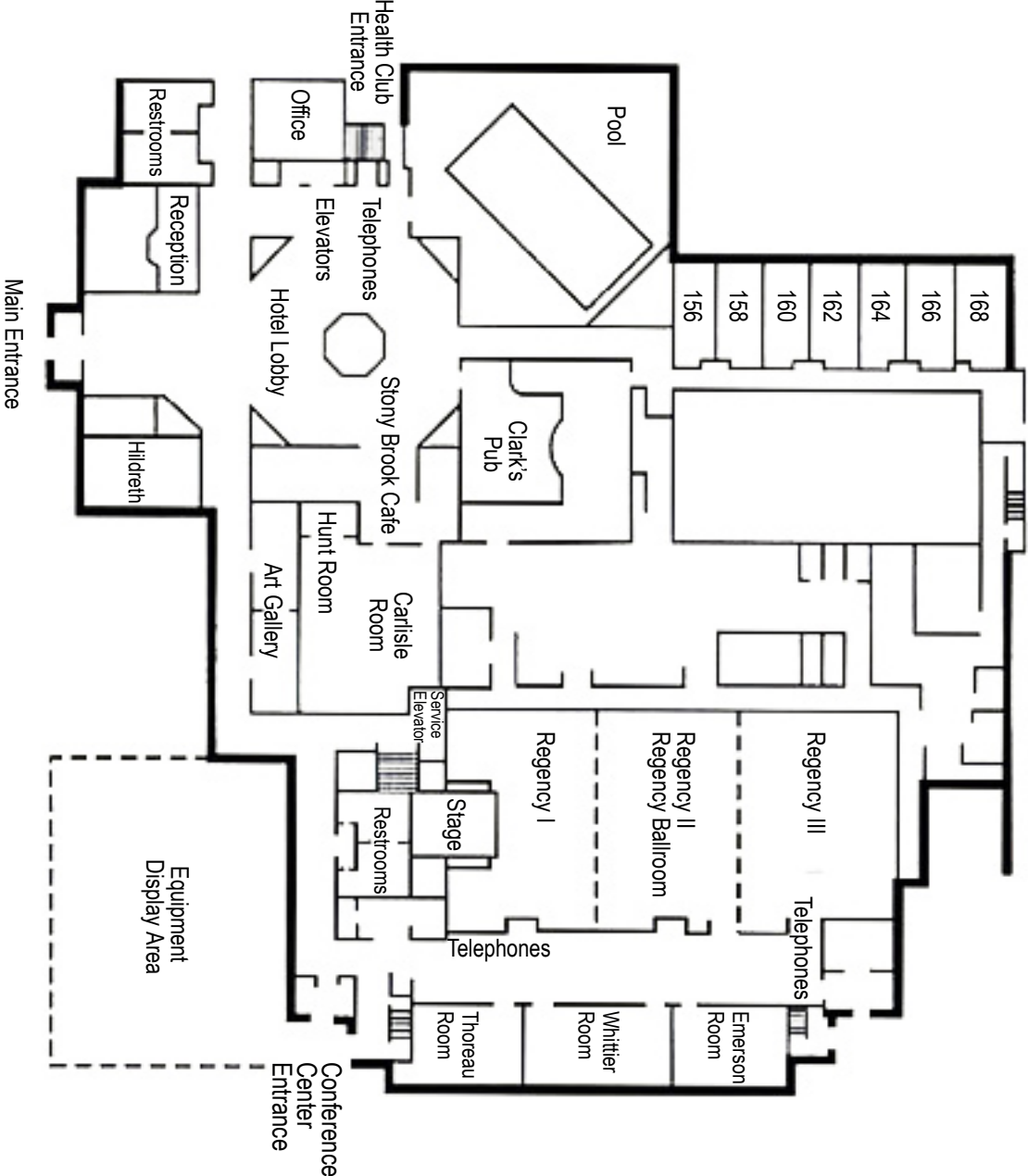
From the West:

Take I-90 East/Massachusetts Turnpike to I-495 north. Travel 30 minutes to exit #32 "Westford, to Route 225." At the end of the ramp, turn right onto Boston Road. At the first intersection, turn right onto Route 110 west. The hotel is located ¼ mile on the right side.

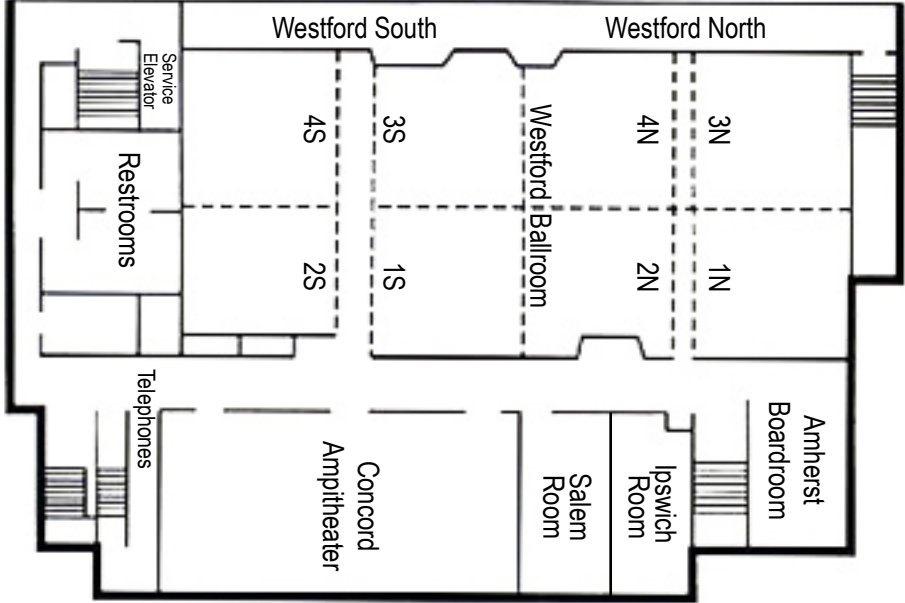
- A block of rooms has been set aside for the "Department of Fire Services Conference."
- Please inform the hotel that you are with the conference.
- To ensure special conference rate, rooms must be reserved by October 22, 2008.



CONFERENCE ROOMS



LOWER LEVEL



UPPER LEVEL

CH: Chief Officer • CO: Company Officer • FI: Fire Investigator • LE: Law Enforcement • EMS: Emergency Medical Personnel • FP: Fire Prevention/Code Enforcement • EM: Emergency Management • HM: HazMat • FF: Firefighter • TO: Training Officer • PE: Public Education

0800-0900 **REGISTRATION**
Regency Foyer

0900-0915 **WELCOME**

❖ **Stephen D. Coan**

STATE FIRE MARSHAL

❖ **Kevin M. Burke**

SECRETARY OF PUBLIC SAFETY & SECURITY

0915-1015 **GENERAL SESSION**
Regency Ballroom

❖ **Dr. Denis Onieal**

NATIONAL FIRE ACADEMY

FUTURE OF FIRE SERVICE DELIVERY

1015-1030 **COFFEE/REFRESHMENTS**
Regency Foyer

1030-1215 **BREAKOUT SESSIONS**

Session 101.....CH, CO, HM, LE, EM

**Richard Brenner, Clark County Hazmat &
Lieutenant Mike McCrimon, LVPD**

RICIN INCIDENT:

On February 27, 2008, several vials of the deadly toxin "ricin" were found in a hotel room in Las Vegas, NV. An overview of the multi-agency response will be presented.

Session 102.....CH, CO

**Chief Peter C. Takvorian &
Captain James Loffredo,
Lawrence Fire Department**

LAWRENCE, MA BLOCK FIRE:

On January 21, 2008, a seven-alarm fire at Parker and Market Streets destroyed

or damaged a total of fifteen buildings. Particulars of the fire will be discussed along with lessons learned.

Session 103..... All

Trooper Eric Gahagan, MSP Bomb Squad

INTRODUCTION TO EXPLOSIVES (PART I OF IV)

Session 104.....CH, CO, TO

Dan Madrzykowski, FPE, NIST

TRAINING FIRE LINE OF DUTY DEATHS (LODDs):

The National Institute of Standards and Technology (NIST) has investigated the fire conditions of two very different fire training incidents that resulted in the loss of life. Participants will be presented with lessons learned and prevention methods.

Session 105.....CO, CH, FF, TO

Battalion Chief Mark Emery, WA

***THE TEN COMMANDMENTS OF INTELLIGENT
AND SAFE FIRE GROUND OPERATIONS:***

Become acquainted with the indiscretions that have injured and killed scores of firefighters and learn ways to prevent them.



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Session 106.....FI, LE, FP

**Detective Lieutenant Robert Corry,
MSP (Ret)**

INTERFIRE VRTM:

Discover the virtual reality fire investigation training program available to the firefighting community, law enforcement and the insurance industry, and maximize your learning with this tool.

This is a priority selection session. Please complete application.

Session 107.....CH, CO, FF

FF Fitness/Wellness

IAFC/IAFF

1215-1230 VISIT VENDORS**1230-1345 LUNCH**
Regency Ballroom❖ **Art Cleaves, luncheon speaker**

ADMINISTRATOR FEMA REGION I:
FEMA'S ROLE IN THE
FUTURE OF SERVICE DELIVERY

1400-1600AFTERNOON SESSIONS**Session 108.....CH, CO, HM, LE, EM**

**Richard Brenner, Clark County Hazmat &
Lieutenant Mike McCrimon, LVPD**

RICIN INCIDENT:

(repeat: Session 101)

Session 109.....CH, CO

**Chief Peter C. Takvorian &
Captain James Loffredo
Lawrence Fire Department**

LAWRENCE, MA BLOCK FIRE:

(repeat: Session 102)

Session 110..... All

Trooper Eric Gahagan, MSP Bomb Squad

INTRODUCTION TO EXPLOSIVES (PART II OF IV):

(Must have attended Part I - Session 103)

Session 111CH, CO, FF

Steve Kerber, FPE, NIST

**EVALUATION OF FIRE SERVICE POSITIVE
PRESSURE VENTILATION TACTICS:**

This presentation will cover the series of NIST experiments and the lessons learned for effective PPV use in high-rise buildings.

Session 112.....CO, CH, FF, TO

Battalion Chief Mark Emery, WA

**THE TEN COMMANDMENTS OF INTELLIGENT
AND SAFE FIRE GROUND OPERATIONS:**

(repeat: Session 105)

Session 113.....FF

MFA Firefighter Skills Training Group

FLASHOVER RECOGNITION (PART I OF II):

This program utilizes both classroom theory and a training prop designed by Swede Survival Systems. Classroom discussion is devoted to flashover recognition and fire behavior. The practical portion (Session 116, 1800-2000 hrs) involves the specially designed flashover simulator. Course enrollment is limited to twenty-four students.

This is a priority selection session. Please complete application, Protective Clothing Compliance form and Live Fire Training form.

Session 114..... All

**George Hoyt, Field Technical Specialist,
Toyota, Boston Region**

**TOYOTA HYBRID VEHICLE SAFETY TRAINING AID FOR
EMERGENCY RESPONDERS (PART I OF II):**

The hybrid safety program was developed to educate responders to safely operate at the scene of a Toyota hybrid accident. The

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practical portion (Session 117, 1800-2000 hrs) involves an actual display and viewing of Toyota hybrid vehicles.

Session 115..... CH, CO

**Chief Charlie Johnson (Ret) &
Lieutenant William Miller**

**COMMAND SIMULATOR STRATEGY & TACTICS
BALLOON FRAME CONSTRUCTION (PART I OF II):**

DFS' Training Division's Mobile Command Simulation Training Program is an innovative, "hands-on" multi-user training and competency assessment tool. Students will participate in an incident involving balloon-frame construction.

This is a priority selection session. Please complete application. Course enrollment is limited to 18 students

1700-1800 WELCOMING/
NETWORKING RECEPTION

1800-2000 EVENING SESSIONS

Session 116.....FF

FLASHOVER SIMULATION PRACTICAL (PART II OF II):

*This is a priority selection session. Please complete application, Protective Clothing Compliance form and Live Fire Training form.
(Refer to Session 113)*

Session 117 All

TOYOTA HYBRID VEHICLE SAFETY TRAINING:
(Part II of II) (Refer to Session 114)

Session 118..... CH, CO

COMMAND SIMULATOR (PART II OF II):

*This is a priority selection session. Please complete application.
(Refer to Session 115)*



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0800-0900 REGISTRATION
Regency Foyer

0900-0915 WELCOME

❖ Stephen D. Coan
STATE FIRE MARSHAL

0915-1015 GENERAL SESSION
Regency Ballroom

❖ Chief William Goldfeder EFO, CFO

1015-1030 COFFEE/REFRESHMENTS
Regency Foyer

1030-1215 BREAKOUT SESSIONS

Session 201..... CH

Lieutenant Ray McCormack, FDNY

THE PERFECT STRETCH (PART I OF II):

What is it and can you and your crew obtain it? The answer is yes. Join Lieutenant McCormack as he discusses and underscores the importance of proper line selection and placement for fires in private dwellings, multiple-family dwellings, commercial buildings (including Big Box structures), and high-rise fires.

Session 202..... All

**Battalion Chief Ron Moore,
Firehouse Magazine**

AIR BAG SAFETY:

What do fire, rescue and EMS crews do when confronted with a vehicle equipped with supplemental restraint systems?

Session 203..... All

Trooper Eric Gahagan, MSP Bomb Squad

INTRODUCTION TO EXPLOSIVES (PART III OF IV):

(Must have attended Part I & II -
Session 103 & 111)

Session 204..... All

**Drug Enforcement Agency,
Boston District Office**

METH LAB AWARENESS (PART I OF II):

Instructs first responders to identify toxic methamphetamine labs so they can make safe decisions in a potentially dangerous situation. Education is the key when dealing with clandestine labs.

Session 205..... FI

**Special Agent Scott Fulkerson &
Special Agent Thomas Daley
Bureau of Alcohol, Tobacco,
Firearms and Explosives**

SERIAL ARSONIST (PART I OF II):

A case study of the June 2003 - April 2005 Washington DC /Maryland serial arsonist investigation. An excess of 50 related fires were investigated by this multi-jurisdictional task force.

Session 206..... FI

Sergeant Paul Zipper, Ph.D., MSP

DETECTING DECEPTION:

Course covers interviewing principles, verbal and non-verbal communication, and rapport building. The session also reviews cognitive interviewing and the legal issues surrounding interviewing. Course involves interviewing exercises, statement taking, and detecting deception.

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Session 207..... EM, HM, EMS

Richard K. Brooks III, Director Cecil County Department of Emergency Services, Elkton, MD

WISER:

Wireless Information System for Emergency Responders is a free PDA or PC-based system designed to assist first responders in hazardous material incidents. Developed by the National Library of Medicine, WISER provides a wide range of information on hazardous substances, including substance identification support, physical characteristics, human health information, and containment and suppression guidance.

Session 208..... All

Robert Colameta, National Fallen Firefighters Foundation

COURAGE TO BE SAFE (PART I OF II):

The Firefighter Life Safety Initiatives national campaign provides insight, direction and reasons on how firefighters and fire service organizations have the opportunity to actively reduce preventable firefighter line of duty deaths.

Session 209..... CH

Massachusetts Firefighting Academy Firefighter Skills Training Group Chief Charlie Johnson (Ret) & Lieutenant William Miller

COMMAND SIMULATOR STRATEGY & NEW CONSTRUCTION (PART I OF II):

DFS' training division's mobile command simulation training program is an innovative, "hands-on" multi-user training and competency assessment tool. Students will participate in an incident involving engineered lumber new construction. Course enrollment is limited to 18 students.

This is a priority selection session. Please complete application.

1215-1230 VISIT VENDORS

1230-1345 LUNCH
Regency Ballroom

❖ **Chief Jim Clack, luncheon speaker**
BALTIMORE CITY FIRE DEPARTMENT:
I-35 BRIDGE COLLAPSE, MINNEAPOLIS, MN

1400-1600AFTERNOON SESSIONS

Session 210..... CH

Lieutenant Ray McCormack, FDNY

THE PERFECT STRETCH (PART II OF II):

(Refer to Session 201)

Session 211..... All

Battalion Chief Ron Moore, Firehouse Magazine

HIGHWAY SAFETY:

This presentation offers solutions and safe practices for working around moving traffic at crash and fire scenes.

Session 212..... PE

Lieutenant Paul Delaney, Wellesley Fire Department

USING HISTORICAL FIRES:

Designed for SAFE Educators interested in teaching high school students the reasons why we have state fire laws. Important fires such as the Cocoanut Grove and Our Lady of the Angels School will be highlighted to show how hundreds of people died as a result of unsafe conditions.

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Session 213..... All

**Drug Enforcement Agency,
Boston District Office**

"METH LAB AWARENESS" (PART II OF II):

(Refer to Session 204)

Session 214..... All

**Special Agent Scott Fulkerson &
Special Agent Thomas Daley
Bureau of Alcohol, Tobacco,
Firearms and Explosives**

SERIAL ARSONIST (PART II OF II):

(Refer to Session 205)

Session 215..... All

**Captain Greg Gifford, Woods Hold,
Martha's Vineyard, Nantucket Steamship
Authority & Lieutenant Jack Boland,
Worcester Fire Department**

MARITIME FIRE EMERGENCIES:

Maritime fire emergencies present difficult challenges for all levels of fire department personnel. This course is designed to dispel some of the myths and remove some of the guesswork associated with maritime incidents by incorporating essential firefighting skills and tactics with an understanding of the hazards of operating in a maritime environment.

Session 216..... All

Robert Colameta, NFFF

COURAGE TO BE SAFE (PART II OF II):

(Refer to Session 208)

Session 217..... All

**Richard K. Brooks, III, Director Cecil
County Department of Emergency
Services, Elkton, MD**

CHERNOBYL RESPONSE:

Since 1986 the Chernobyl nuclear power plant has been under a long-term, multi-

national, clean-up program. This presentation will illustrate the emergency response from a fire department and emergency services point of view. The presenter visited and toured the site and the now abandoned city of Prypiat in June of 2007. This program will look at issues such as mass evacuation, community preparedness, and continuity of operations.

Session 218..... CH

COMMAND SIMULATOR (PART II OF II):

This is a priority selection session. Please complete application.

(Refer to Session 209)

Session 219..... CH, CO, EMS, EM

Chief Thomas J. Ronayne III

"WHERE DO YOU START?"

CANTON RAIL ACCIDENT AND MCI:

1730-1800 **WELCOMING/
NETWORKING RECEPTION**
Chief Goldfeder

1800-1930 **DINNER/ EVENING SPEAKER**
Regency I

❖ Chief William Goldfeder EFO, CFO



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0800-0900 **REGISTRATION**
Regency Foyer

0900-0915 **WELCOME**

❖ **Stephen D. Coan**
STATE FIRE MARSHAL

0915-1215 **GENERAL SESSION**
Regency Ballroom

❖ **Chief William Goldfeder, EFO, CFO**
NOT EVERYONE GOES HOME

1215-1230 **VISIT VENDORS**

1230-1345 **LUNCH**

1400-1600 **AFTERNOON SESSIONS**

Session 301..... PE, FI
Sergeant Paul Zipper, Ph.D., MSP

JUVENILE FIRE SETTING INVESTIGATION:

Explores various types of fire setters, legal issues associated with these groups, and the range of resources that exist to assist you. Case studies will be used to add relevance and to challenge the participant.

Session 302.....
Bruce Medoff, Smith & Brink, P.C.

UNDERSTANDING THE COURTROOM PROCESS:

Participants will unveil a variety of important courtroom aspects and procedures, including how to testify and how to be a good witness.

Session 303..... All
Trooper Eric Gahagan, MSP Bomb Squad

INTRODUCTION TO EXPLOSIVES (PART IV OF IV):

(Must have attended Parts I, II & III)

Session 304..... CH, CO, EMS, EM
Chief Thomas J. Ronayne III

"WHERE DO YOU START?"

CANTON RAIL ACCIDENT & MCI:

(repeat: Session 219)

Session 305..... All
Battalion Chief Don Hayde, FDNY

MANHATTAN CRANE COLLAPSES:

This presentation will cover the collapses of the construction cranes in Manhattan and the ensuing responses and operations. In addition, a review of the FDNY Collapse Response Plan and general collapse operations.

Session 306..... All
**Federal Bureau of Investigation,
Boston Office**

*IMPROVISED EXPLOSIVE DEVICES (IEDs)
AND FIRE DEPARTMENT RESPONSE:*

Session 307..... All
**Captain William Cannata,
Westwood Fire Department**

AUTISM AWARENESS FOR THE FIRST RESPONDER:

Autism Spectrum Disorder (ASD) is the fastest growing disability in the world. This program will discuss how to handle an emergency situation with a person with ASD.

Session 308..... FP, PE
**Azarang (Ozzie) Mirkhah, PE, CBO, EFO,
MIFireE; Las Vegas Fire & Rescue**

ARE WE THERE YET?:

Presentation will provide participants with an overview of effective fire prevention activities.

INVITED SPEAKERS

Kevin M. Burke,

Secretary of Public Safety & Security, Commonwealth of Massachusetts:

Immediately prior to his appointment as Secretary of Public Safety & Security, Kevin M. Burke was a managing partner with Burke & Mawn Consultants, LLC, a public safety consulting firm providing diverse services to government and industry clients.

From 1979 to 2002, Burke served as District Attorney for the Eastern District, overseeing the creation of the first Victim/Witness Program in the Commonwealth and the first comprehensive Juvenile Diversion Program. He also authored the Massachusetts Victim Bill of Rights and established one of the first district attorney-based violence prevention programs to collaborate with schools, courts and social service agencies to provide intervention and prevention services to high-risk youth.

Prior to becoming District Attorney, Burke served as a member of the Massachusetts House of Representatives from Beverly from 1975 to 1979. He is currently a member of the Board of the Anti-Defamation League, a member of the Northeast Health Systems Board of Trustees, and a member of the Board of Directors of the Beverly National Bank Corporation.

Burke holds a B.A. from the University of Connecticut and a law degree from Boston College Law School. He lives in Beverly with his wife Patricia. The couple has three children, Caitlin, Matthew and Brigid.

Stephen D. Coan,

State Fire Marshal, Commonwealth of Massachusetts:

Stephen D. Coan has served as State Fire Marshal since 1996 with the creation of the Department of Fire Services, an agency within the Executive Office of Public Safety and Security. The Department of Fire Services has responsibility for all fire service related matters within the Commonwealth and includes as its divisions the Massachusetts Firefighting Academy, the Office of the State Fire Marshal, Hazardous Materials Response, and Special Operations. The marshal oversees services such as firefighter training, fire data, fire code enforcement, life safety education, hazardous materials response, and fire and explosion investigation. During his tenure the agency has assessed and provided for the needs of the fire services within the Commonwealth and has brought together fire professionals, at the state and local

levels, to improve public safety and enhance the protection of firefighters.

Marshal Coan has held several positions within the Massachusetts fire service for 30 years. Prior to his appointment as State Fire Marshal, and first agency head of the Department of Fire Services, he held the position of Director of the Massachusetts Firefighting Academy.

In his present capacity, State Fire Marshal Coan is an active participant in several national and international fire service organizations, serves on several boards including the Governor/Secretary's Executive Committee on Homeland Security, and has recently worked with the fire service and the Administration toward the passage and implementation of the Fire Safe Cigarette Bill and of *Nicole's Law* requiring carbon monoxide alarms in all residences in Massachusetts with potential sources of carbon monoxide.

Lieutenant Jack Boland:

Lieutenant Boland currently serves on Ladder 7 with the Worcester Fire Department. He is the coordinator for Maritime Programs for the Massachusetts Firefighting Academy. In that role, he has worked closely with the Massachusetts Maritime Academy and the maritime industry in the development and delivery of training.

Richard Brenner:

Richard Brenner is a native Southern Nevadan. He attended Oklahoma State University where he earned a Bachelor of Science degree in Fire Protection and Safety Engineering Technology. Mr. Brenner started with the Clark County Fire Department in 1992 and became their fire protection engineer. He is a graduate of the National Fire Academy EFO program. In 2004 he was promoted to the position of Hazardous Materials Coordinator for the County.

Richard K. Brooks III:

Mr. Brooks is currently serving as Director of Emergency Services for Cecil County, Maryland. Most recently, he was a defense contractor for the Computer Sciences Corporation serving as a senior national security analyst assigned to the Defense Threat Reduction Agency on the International Counter-Proliferation Program. This program focused on the reduction of illegal materials being transported across international borders. He also served as team leader and exercise manager for numerous programs as well as multi-national exercises on the Black Sea and the Adriatic Sea.

Mr. Brooks retired from the Baltimore County Fire Department in 2004, having served for 25 years. He retired as a captain having last served as Commander of Hazardous Materials Response. Other positions include chair-Maryland Fire Prevention Commission, chair-Maryland State Fire Association Hazardous Materials Committee, member-International Association of Fire Chiefs Hazardous Materials Committee, member-Presidents' Board of Advisors –University of Maryland, Maryland Fire and Rescue Institute.

Captain William Cannata:

Bill is a 30-year veteran of the fire service. He has been an officer with the Westwood Fire Department for the past eleven years. He also has been an instructor with the Massachusetts Firefighting Academy for the past 15 years. Bill became a member of Autism and Law Enforcement Education Coalition (ALEC) in November 2003. In January of 2006 he became the statewide coordinator of ALEC, which currently educates first responders across the state about Autism Spectrum Disorder and how to better assist a person who is on the spectrum. Bill is also the parent of a child with ASD.

Chief Jim Clack:

Chief Clack is currently the Chief of Baltimore City Fire Department. Prior to his appointment to that position in February 2008, he was the fire chief in Minneapolis, Minnesota. He is a graduate of the University of Minnesota and the University of Carlson School of Management. Chief Clack was the incident commander during the rescue effort after the collapse of the Interstate 35 bridge.

Art Cleaves:

Arthur W. Cleaves was appointed Regional Administrator of the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) Region I Office in Boston, Mass., in May 2006. In this capacity, he is responsible for coordinating FEMA emergency preparedness, mitigation, and disaster response and recovery activities in the six New England states: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont.

Prior to joining FEMA, Cleaves served as the Director of the Maine Emergency Management Agency (MEMA) since 1999. In addition to emergency management, Cleaves took on the role of Director of Homeland Security for Maine during his tenure at MEMA.

Robert Colameta:

Robert Colameta has been a full time firefighter with the City of Everett, Massachusetts since 1983. He has over 20 years professional experience in adult education. He was a commercial pilot, flight instructor for 11 years acquiring 1300 hours of pilot in command time before transitioning into fire service training and education. He worked for the Department of Fire Services for ten years, most serving as assistant coordinator of curriculum development.

In 2003, Mr. Colameta developed his own unique online training network called The Public Safety Education Network (www.publicsafetyedu.com), which offers municipal departments a method to provide in-house custom training unique to their specific needs at affordable prices. In 2005 he was contracted by the National Fallen Firefighters Foundation to develop a curriculum around the *Courage To Be Safe: 16 Firefighter Life Safety Initiatives Campaign*. In 2006 he became the National Program Manager of the program and developed a 24-part online media learning series around the 16 initiatives. He continues to deliver training to departments across the Commonwealth of Massachusetts as well as fire departments across the country.

Detective Lieutenant Robert Corry, (Ret):

Robert Corry is the principal investigator for Forensic Investigation & Technical Services LLC, a private investigation firm licensed in Massachusetts, Connecticut and New Hampshire, specializing in fire, arson investigation and large loss fire investigations.

Bob was on the Massachusetts State Police from 1974 until his retirement in 1997. In 1981, he was assigned to the Massachusetts State Fire Marshal's Office assisting 26 urban, suburban, and rural communities in performing fire and explosion investigations. He was among the first accelerant detection canine handlers in the United States.

Bob was an assistant vice president and fire investigation specialist at American Re-Insurance Company from 1997 to 2002. His responsibilities included consulting with primary property insurance carriers on large loss fire, arson and explosion claims, and providing educational programs on fraud and arson investigation & defense.

Senior Special Agent Thomas Daley:

SSA Thomas R. Daley is a certified fire investigator with the Federal Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF). He is currently assigned to the Baltimore Field Division Arson Group. He is also a member of the ATF Northeast

National Response Team. SSA Daley began his career with ATF in September 1987. Prior to this assignment, he was a uniformed police officer with the Arlington County, Virginia Police Department and the United States Capitol Police. He is married and has three children.

Lieutenant Paul Delaney:

Paul is a 15-year veteran of the Wellesley Fire Department. He is a certified EMT/Firefighter I and II and a certified fire instructor I. Paul is currently the department coordinator for the S.A.F.E program, and oversees all public fire education in the town of Wellesley from Pre-K to senior citizens. He is currently assigned to Engine 2 as a company officer.

Battalion Chief Mark Emery:

Mark Emery authored the *Ten Commandments of Intelligent and Safe Fireground Operations*, is co-developer of the Integrated Tactical Accountability System (ITAC), and creator of the Command Competency Clinic. BC Emery is a regular contributor to Firehouse and to the Fire Department Safety Officers Association Health & Safety newsletter. Mark serves as a Battalion Chief with Woodinville Fire & Life Safety District in King County, WA.

Special Agent Scott Fulkerson:

Scott Fulkerson graduated college with a bachelors degree in psychology and went on to obtain a masters degree in public administration. In 1996, he accepted a position as a United States probation and parole officer in the Eastern District of New York, Brooklyn. In 1999, he began working with the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) and worked as a special agent in the Baltimore Field Division for nine years. Special Agent Fulkerson is currently assigned to the National Center for Explosives Training and Research, Fort A.P. Hill, Virginia. During his time with ATF, Special Agent Fulkerson has obtained additional training in the fields of arson and explosives and is currently a certified explosives specialist, bomb technician and a member of the ATF National Response Team.

Trooper Eric J. Gahagan :

Trooper Gahagan has been with the Massachusetts State Police for 15 years, and a member of the Bomb Squad for 10. A certified FBI bomb technician and explosive detection canine handler, he also holds certifications in post blast investigation, advanced post blast investigation, post blast investigation instructor, advanced explosive destruction techniques, WMD, WMD instructor, HAZMAT, explosive breaching, and DEA clan lab investigation. He has responded to more than

2,000 explosive related calls including explosives recoveries, bombings, improvised explosive devices and protective K9 sweeps. Trooper Gahagan has instructed hundreds of classes on explosives recognition, booby traps, and WMD to public safety, school, and business communities in several states.

Captain Greg Gifford:

Captain Gifford began his career aboard research vessels in the galley during the late sixties, advancing to master in 1992. He has served on a variety of vessels, the majority aboard tanker ships. Presently, he is port captain for the Woods Hole, Martha's Vineyard and Nantucket Steamship Authority. Prior to this, he served as master with United States Shipping, LLC. Captain Gifford is also a U.S. Coast Guard approved instructor for numerous courses at Massachusetts Maritime Academy and the Massachusetts Firefighting Academy. He serves as a technical advisor on several maritime committees including the Area Maritime Security Committee for U.S. Coast Guard Sector Southeastern New England, providing assistance for maritime casualty response and port security.

Chief Billy Goldfeder, EFO, CFO:

Chief Goldfeder has been a firefighter since 1973, and serves as deputy fire chief of the Loveland-Symmes Fire Department in S.W. Ohio. A chief officer since 1982, he has served as a fire chief in Ohio, Virginia and Florida. A 1993 graduate of the National Fire Academy's Executive Fire Officer Program, he is the former chair of the International Association of Fire Chiefs VCOS Section. He is a member of the board of directors of the National Fallen Firefighters Foundation as well as the board of directors of the 9/11 Widows, Victims and Families Association. His monthly column *Close Calls* appears in FIREHOUSE Magazine and his bi-weekly radio show *Through the Smoke* is hosted on Firehouse.com.

Battalion Chief Don Hayde:

Donald Hayde is a 30-year veteran of the New York City Fire Department and battalion chief of its Special Operations Command. He has served on L-16 in Manhattan, L-26 in Harlem, a Lieutenant on L-147 Flatbush Brooklyn and Bed-Sty, Brooklyn, and Captain Squad 1 in Brooklyn. Chief Hayde is an instructor with the Nassau County Fire Academy, an adjunct instructor for Nassau Community College and the University of Illinois. He received his bachelor's degree from Queens College. He is a Marine having served active duty from 1972-1975.

George Hoyt:

Since September 2004, Mr. Hoyt has worked as a field technical specialist at Toyota Motor Sales, Boston Regional Office, Mansfield MA. His duties include providing technical assistance to dealerships regarding vehicle repairs, providing technical testimony for arbitration/lemon law hearings, accident investigation and documentation for legal proceedings, and conducting product evaluation and reporting of failures.

George's education includes: Pennsylvania College of Technology, Bachelor of Applied Sciences, Automotive Technology Management, Current; Columbia Greene Community College; Associate of Applied Science, Automotive Technology, 1996; and United States Army Training Center, Ft. Jackson, SC, Light Wheel Vehicle Mechanic School, completed 1994.

Chief Charlie Johnson (Ret):

Charlie has been a member of the fire service for 23 years having served on the Northbridge and Mendon Fire Departments. He is currently the coordinator of the Command Simulation Program at the Department of Fire Services. He is a certified fire officer II and instructor I.

Steve Kerber:

Steve Kerber is a fire protection engineer in the Fire Research Division of the Building and Fire Research Laboratory at the National Institute of Standards and Technology in Gaithersburg, Maryland. Steve has conducted research in the areas of large fire measurements, computer modeling and the firefighter safety and tactics. Steve is also the deputy chief and training officer with the College Park Volunteer Fire Department in Prince George's County, Maryland.

Captain James Loffredo:

Captain Loffredo has been with the Lawrence Fire Department for 28 years and for the past six years has served as training and safety officer. The bulk of his career was spent as a firefighter on Park St., Eng-7, during the "busy time" the LFD encountered through the late 80's and early 90's. He was promoted to Lieutenant in 1994 and spent six years on Ladder-5 (snorkel).

Dan Madrzykowski:

Dan Madrzykowski is a fire protection engineer, in the Fire Research Division of the Building and Fire Research Laboratory at the National Institute of Standards and Technology (NIST) in Gaithersburg, Maryland. Dan has conducted research in the areas of fire suppression, large fire measurements, fire investigation and fire fighter safety. He has

developed data and models, which are used in the curriculum at the National Fire Academy.

Mr. Madrzykowski has a Masters of Science degree in Fire Protection Engineering from the University of Maryland. He is a member of the National Fire Protection Association (NFPA) and the International Association of Arson Investigators (IAAI). Dan is a fellow of the Society of Fire Protection Engineers (SFPE) and serves on the NFPA technical committee on fire investigation.

Lieutenant Ray McCormack:

Lt. Ray McCormack is a 27-year veteran of the New York City Fire Department. He has worked as a lieutenant in Harlem since 1994. He is currently assigned to Ladder 28 and was with Engine 69 for over 10 years. He has written numerous articles on fire tactics and firefighter safety for Fire Engineering Magazine, Firenuggets.com, WNYF Magazine, and FDTN's FireRescue Magazine. He is a featured speaker and hands-on instructor for both FDIC and Firehouse Expo, specializing in live fire attack and hose stretches. He is the founder of Live Burn Training, which provides firefighter training and benefit seminars.

Lieutenant Mike McCrimon:

Lt. Mike McCrimon is currently assigned to the Homeland Security Bureau and is the All Regional Multi-agency Operations and Response (ARMOR) Commander for the Las Vegas Metropolitan Police Department. His task force responds to all possible criminal or terrorist related incidents involving unknown substances/white powder, suspicious packages/containers and all types of explosive devices/post-blast scenes. His Unit is also responsible for investigations that involve any of these incidents.

Lt. McCrimon has experience in numerous areas of law enforcement, including work as a patrol officer, Academy Training Officer, Sergeant in charge of criminal investigations with a Problem Solving Unit, working undercover narcotics, and as the Department's Emergency Manager prior to his present assignment.

His background includes 20 years in the United States Air Force where he served from the Vietnam era through a tour in Desert Storm. During his career he worked as an advisor for drug interdiction operations in Central and South America and was the Superintendent of Silver Flag Alpha, a regional training center for desert warfare and survival.

Bruce Medoff, Esquire:

Mr. Medoff is an instructor and lecturer at the Massachusetts Firefighting Academy, teaching the Advanced Fire Investigation course and lecturing

on topics such as spoliation of evidence, chain of custody, and trial techniques. He has also been invited to speak before a variety of groups, including the International Association of Marine Investigators, Inc., the International Association of Arson Investigators, the New England Association of Insurance Fraud Investigators, and the Boston Fire Department, Fire Investigation Unit. He has also presented before the Advanced Arson Seminar at the Boston Firefighting Academy.

Mr. Medoff is published in over a dozen legal publications, holds a degree in psychology from the University of Massachusetts, and is also a graduate of Boston University School of Law.

Lieutenant William Miller:

Lt. Miller is a 22-year veteran of the fire service. He has served on the Oxford and Southbridge Fire Departments and is currently a lieutenant on the Hopkinton Fire Department. He is the coordinator for fire officer training at the Department of Fire Services. Lt. Miller is certified Fire Officer II and Fire Instructor II.

Azarang (Ozzie) Mirkhah, PE, CBO, EFO, MIFireE:

Mr. Mirkhah, Firehouse.com Contributing Editor, is the fire protection engineer (FPE) for the City of Las Vegas Department of Fire & Rescue. His responsibilities include reviewing all building fire and life safety system designs and submittals to insure compliance with the federal, state and local fire and life safety codes and standards. Mr. Mirkhah is also involved in the development of fire and life safety codes and standards for the city.

Mr. Mirkhah is a registered professional engineer with more than 25 years of work experience in the field of fire protection engineering. He joined the Las Vegas Fire and Rescue (LVF&R) more than 12 years ago. Prior to that he worked as a consultant designing fire protection systems for some of the most internationally recognized fire protection consulting firms.

Mr. Mirkhah holds a bachelor of science degree in mechanical engineering (BSME), and a masters degree in public administration (MPA).

Battalion Chief Ron Moore:

Ron Moore is a contributing editor for Firehouse magazine. He is a battalion chief and the training officer for the McKinney, TX fire department. He also authors a monthly online article in the Firehouse.com *Members Zone* and serves as the forum moderator for the extrication section of the Firehouse.com website.

Dr. Denis Onieal:

Dr. Denis Onieal was appointed superintendent of the National Fire Academy (NFA) in 1995; the first non-political appointee to the position, he was selected after a competitive, nationwide search. That year the NFA trained 15,000 first responders. Last year, the academy trained 108,000 firefighters and officers with a cadre of over 800 instructors.

He joined the Jersey City Fire Department in 1971, rising through the ranks: firefighter, lieutenant, captain, battalion chief, deputy chief, and then acting chief in 1995, leading a uniformed force of over 600 firefighters and officers. He has spent his entire time "in the street" as a line fire officer.

Chief Tim Ronayne:

Thomas (Tim) J. Ronayne III is the fire chief of the Canton, MA Fire Department. He has more than 38 years of fire service experience. He has an associates degree in fire science and is a graduate of the National Fire Academy's Executive Fire Officer Program. He is also a member of Fire Chiefs' Association of Massachusetts and International Association of Fire Chiefs. Tim currently serves on the Norfolk County Regional Dispatch Committee.

Chief Peter C. Takvorian:

Chief Takvorian has been with the Lawrence Fire Department for 26 years, and chief since February of 2006. He was the incident commander for the 7-alarm Lawrence city block fire in January 2008.

Sergeant Paul Zipper, Ph.D.:

Paul has been with the Massachusetts State Police for 20 years, most of which has been spent with the Fire and Explosion Investigation Unit operating out of the State Fire Marshal's Office. He has conducted hundreds of fire investigations over the years, gaining an expertise in witness and suspect interview and interrogation techniques. His work with the Lawrence Arson Task Force, which began in 1992, has brought him national and international attention. He has lectured in Australia and the United Kingdom. He has also taught the arson investigation class at the Federal Bureau of Investigation National Academy.

DEPARTMENT OF FIRE SERVICES 1st ANNUAL FALL CONFERENCE

November 12-14, 2008

PRIORITY SELECTION SESSIONS

Please indicate your interest in attending the following sessions. Selection of attendance to each session will occur two weeks prior to the conference and the selected individuals will be notified. A wait list will be established in the event of any cancellations. You must attend the classroom session in order to participate in the practical session.

Please indicate the following in order of session preference:

<input type="checkbox"/>	Flashover – Sessions # 113 & 116
	Classroom: Wednesday 1400-1600 and Practical: Wednesday 1800-2000
<i>Note: A PROTECTIVE CLOTHING COMPLIANCE FORM and LIVE FIRE TRAINING form must be attached with the completed application for registration.</i>	
<input type="checkbox"/>	Simulator – Inter-Fire – Sessions # 106
	Classroom & Practical: Wednesday 1030-1215
<input type="checkbox"/>	Simulator – Balloon Frame Construction – Sessions # 115 & 118
	Classroom: Wednesday 1345-1600 and Practical Wednesday 1800-2000
<input type="checkbox"/>	Simulator – New Construction (Engineered Lumber) – Sessions # 209 & 218
	Classroom: Thursday 1030-1215 and Practical: Thursday 1400-1600

Payment information * Payment MUST be received prior to conference

Contact Information:

Name: _____ Title: _____ Phone #: _____

Address: _____
Street City State Zip

Federal ID #:

One of the following must accompany this application:

Purchase Order (To secure a spot ONLY) ☐ Money Order ☐ Check ☐

PAYABLE TO: THE MASSACHUSETTS FIREFIGHTING ACADEMY TRUST FUND

NOTE: CASH WILL **NOT** BE ACCEPTED

Mail a completed application and payment to: Department of Fire Services
Conference Registration
P.O. Box 1025, State Road
Stow, Mass. 01775



DEPARTMENT OF FIRE SERVICES 1st ANNUAL FALL CONFERENCE

November 12-14, 2008

All applicants interested in the priority selection sessions for Flashover Simulator must attach this completed two-section form.

MASSACHUSETTS TRAINING COUNCIL PROTECTIVE CLOTHING COMPLIANCE FORM

In accordance with the Massachusetts Fire Training Council policy for Live Fire Training Exercises and Evolutions, this section must be completed for each person who registers for any Firefighting Academy program that includes live fire training.

My endorsement in this block indicates that the turnout gear (Full ensemble includes: helmet, protective hood, coat, trousers, gloves and boots) which is to be brought to training by _____ (student name) has been purchased by:

☐ this department ☐ the student

and at the time of purchase it complied with the following standards:

OSHA 29 CFR 1910.156(e) (2) (iii)

NFPA Standard on Protective Ensemble for Structural Firefighting that was in effect at the time of purchase.

Chief of Department Signature: _____ Date: _____

Student Signature: _____ Date: _____

LIVE FIRE TRAINING

I certify that: _____ (student name) has received training to meet the performance objectives of the following sections of the current edition of National Fire Protection Association Standard 1001 to the level of Firefighter I.

- | | |
|-------------------------|--------------------------------------|
| ▪ Fire Behavior | ▪ Rescue |
| ▪ Fire Hose and Nozzles | ▪ Safety |
| ▪ Fire Streams | ▪ Self Contained Breathing Apparatus |
| ▪ Forcible Entry | ▪ Ventilation |
| ▪ General | |

In accordance with Massachusetts Firefighting Academy policy for live fire training exercises and evolutions, this applicant should be permitted to participate in live fire training exercises within structures.

Signature of Chief or Training Officer: _____ Date: _____



DEPARTMENT OF FIRE SERVICES 1st ANNUAL FALL CONFERENCE
November 12-14, 2008

PLEASE PRINT CLEARLY

Name: _____

Last	First	Middle Initial	Rank
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ID# (Social Security, Driver's License Or MFA ID #): _____

Mailing Address: _____

Street (Do Not Use Fire Dept. Address)	City	State	Zip

Email Address for Confirmation: _____

Home Phone #: _____ Cell #: _____

Work Phone #: _____ Pager #: _____

Fire Department (*City/Town*): _____ State: _____

EMT # (If App):

Signature of Applicant: _____ Date: _____

COURSE ENROLLMENT DETAILS

- ◆ **OEMS Credit Pending**
- ◆ **Priority Selection Sessions:** Acceptance letters sent approximately 2 weeks prior
- ◆ **Flashover Simulator:** Flashover simulator applicants must have a completed **PROTECTIVE CLOTHING AND LIVE FIRE COMPLIANCE FORM** attached with the application.

Please check which package(s) you wish to attend:

	<u>PACKAGE #1</u> - ALL MEALS AND SESSIONS - \$150.00		
	Wednesday 0800-1600 and 1800-2000	Thursday 0800-1600 and 1700-1900	Friday 0800-1600
	<u>PACKAGE #2</u> - ALL MEALS AND SESSIONS - \$75.00		
	Wednesday Only 0800-1600 and 1800-2000		
	<u>PACKAGE #3</u> - ALL MEALS AND SESSIONS - \$100.00		
	Thursday Only 0800-1600 and Dinner 1700-1900	Dinner with Chief Goldfeder	
	<u>PACKAGE #4</u> - ALL MEALS AND SESSIONS - \$75.00		
	Friday Only 0800-1600		
	PACKAGE #5 - DINNER ONLY - \$40.00		
	Thursday Dinner Only Dinner 1700-1900	Dinner with Chief Goldfeder	

- A block of rooms has been set-aside for the Department of Fire Services Conference.
 - Please inform the hotel that you are with the conference.
- To ensure special conference rate, rooms must be reserved by ***October 22, 2008***.



Meeting the Challenges of Tomorrow's Fire Service

November 12-14, 2008

A conference combining lessons learned with today's technology



Who Should Attend?

Command and emergency response personnel from:

- the fire service
- emergency medical services
- law enforcement
- federal and state agencies
- hazardous materials teams
- emergency management agencies
- homeland defense departments